transparent, the housing being formed as a single monolithic unit, the display element being arranged adjacent to the viewing area.

3, (Amended) An electronic fever thermometer according to Claim 1, wherein the thermometer includes a main part and a cover part which are each produced in one piece from a transparent plastic material.

4. (Amended) An electronic fever thermometer according to Claim 1, wherein the thermometer includes a metal tip, the metal tip being disposed at one end of the housing, the temperature sensor being positioned in the metal tip.

8. (Amended) An electronic fever thermometer according to Claim 1, wherein the thermometer includes a switch.

9. (Amended) An electronic fever thermometer according to Claim 1, wherein the thermometer is sealed by ultrasonic welding.

Please add the following new Claim 17:

17. (New) An electronic fever thermometer comprising:

a temperature sensor;

a display element for displaying the temperature measured by the temperature sensor; and

a housing made from a transparent material for housing the temperature sensor and the display element, wherein the housing includes a substantially transparent viewing surface and a substantially non-transparent light diffusing surface, the light diffusing surface being rougher in texture than the viewing surface so that light passing through the light diffusing surface is diffusely scattered, the display element being positioned within the housing adjacent the viewing surface to be visible therethrough.